

Trip Report

Site Name: Monroe Township Contaminated Soil Site

Sample Date: October 7, 1993

EPA Case No.: N/A

1. **Site Location:** The site is located in Monroe Township Gloucester county, New Jersey. The following properties, as designated on the Tax Maps for Monroe Township, are affected:

<u>Block</u>	<u>Lot</u>
4001	1
4001	27
4301	2
4301	20

2. **Sample Description**

Samples were collected at eight locations within the contaminated portion of the site. At each location a boring was advanced to a point 0.5 feet below the visible extent of contamination. The cuttings for each soil boring were combined to form a sample for that location. Samples from the boring locations were combined to form two composite samples, which are intended to represent the composition of the waste stream that would result from removal of the contaminated ash/soil for off-site disposal. The composite samples will be analyzed for Target Compound List (TCL) parameters; Target Analyte List (TAL) parameters; RCRA characteristics including ignitability, corrosivity, reactivity, toxicity using the toxicity characteristic leachate procedure; and polychlorinated dibenzo dioxins and polychlorinated dibenzo furans (PCDD/PCDF).

The following table lists the boring locations combined to form each composite. The boring locations are designated by their position in a rectangular coordinate system extending south (S) and east (E) from the northeast corner of Block 4001 Lot 1. (See Figure 1 for an illustration of the sampling locations).



Composite Sample No.Boring Location

MB-SC1

S30 E60
S120 E45
S120 E75
S161 E64¹

MB-SC2

S120 E120
S120 E165¹
S180 E170
S251 E158**3. Laboratory Receiving Samples:**ParameterLabTCL TAL &
RCRA Characteristics
(Disposal Parameters)Accredited Laboratories, Inc.
Foot of Pershing Avenue
Carteret, NJ

PCDD/PCDF

Coast to Coast Labs Inc.
7726 Moller Road
Indianapolis, IN**4. Sample Dispatch Data:**

Two high concentration waste composite samples (MB-SC1 & MB-SC2) were hand delivered to Accredited Laboratories on October 8, 1993 to be analyzed for disposal parameters.

Two high concentration waste composite samples (MB-SC1 & MB-SC2) were shipped to Coast to Coast Labs, Inc. on October 8, 1993, via Federal Express on Airbill No. 5741304472, to be analyzed for PCDD/PCDF.

5. Sampling Personnel:NameOrganizationDuties on Site

Eric Wilson

Weston/TAT
Region 2Project Manager/
Sampler

Ed Moyle

Weston/TAT
Region 2

Sampler

Joe Filosa

Weston/TAT
Region 2

Sampler

John Johnson

Weston/TAT
Region 11

Sampler

¹ Samples for volatile portion of TCL collected at these locations. Samples were not composited or homogenized, to avoid volatilization of target analytes.

6. Additional Comments:

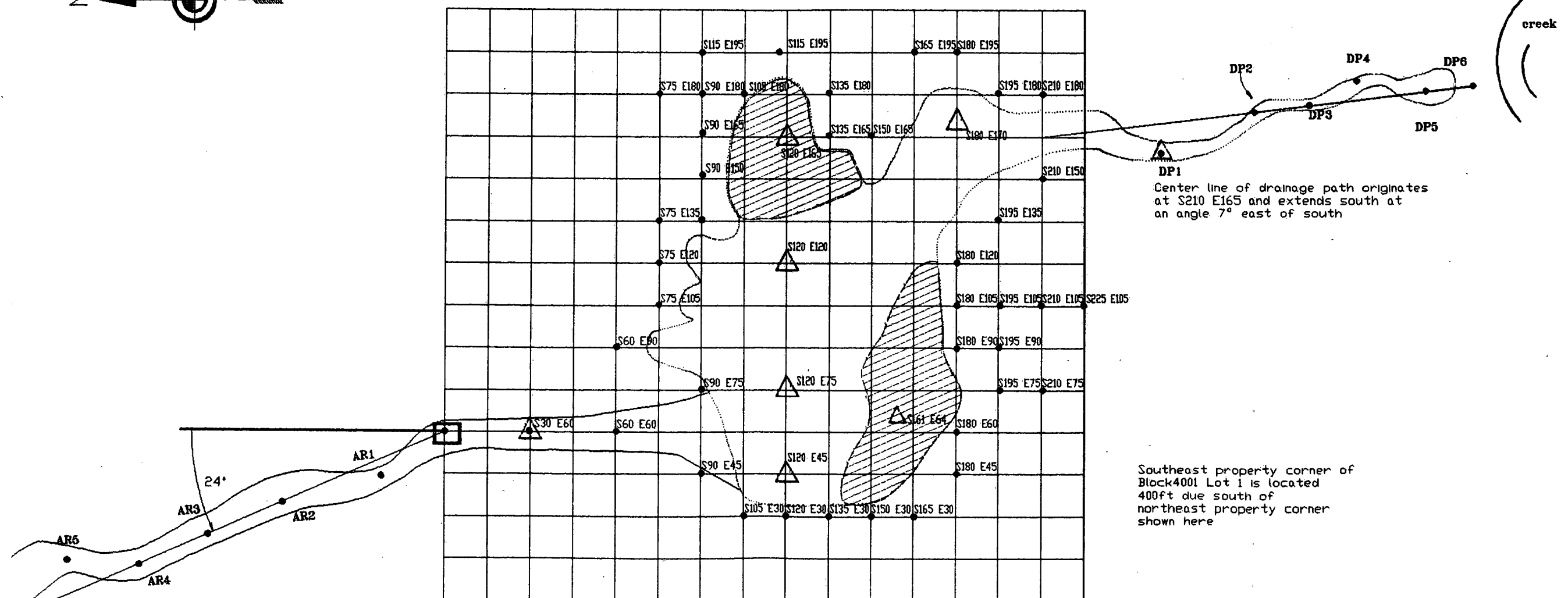
The data quality objective for this project is EPA quality assurance level 1 (QA1).

Dedicated sampling equipment was used for collection of the composite sample. As such, no rinsate blank was collected.

An X-ray Fluorescence Analyzer (XRF) was used to screen surface soils for metals and determine the horizontal extent of contamination. XRF screening was conducted at the nodes of a 15-foot rectangular grid. Refer to the XRF analysis report for the screening results.

7. Report Prepared by: Eric Wilson Date: 02/25/94 *EW*

8. Report Approved by: Joseph Price Date: 02/25/94 *JP*



<div data-bbox="911 1725 961 1757" data-label="Image"></div> Property corner	<div data-bbox="1265 1737 1493 1797" data-label="Image"></div> Boundary of site access road
<div data-bbox="911 1773 961 1805" data-label="Image"></div> XRF screening location	
<div data-bbox="911 1805 961 1836" data-label="Image"></div> Soil boring	
<div data-bbox="911 1836 961 1868" data-label="Image"></div> Ash mound	
<div data-bbox="911 1868 961 1900" data-label="Image"></div> limit of ash	

SCALE: 1" = 40'

FIGURE 1 - SAMPLING LOCATIONS
MONROE TWP. CONTAMINATED SOIL SITE
MONROE TWP., GLOUCESTER CO. NJ
US EPA REMOVAL ACTION BRANCH
 TECHNICAL ASSISTANCE TEAM CONTRACT
 68-WO-0036